

What is Claimed:

Sub B¹ 1. System for broadcasting alarm messages from a server to a list of users among a plurality of multi-platform users sharing the server in a data transmission network operating under Internet Protocol (IP) and using Java language, said system being characterized in that it comprises:

a profile table containing profiles of each one of said plurality of users; and

processing and transmitting means enabling an administrator associated with said server to transmit alarm messages to the list of users wherein said users have been selected from said profile table, said alarm messages being displayed on a screen of a workstation associated with each selected user if said workstation is running.

2. The system according to Claim 1, wherein said processing and transmitting means comprise a processing unit operating under the control of a Java alarm program and a message sender transmitting directly said alarm messages over said network.

3. The system according to Claim 2, wherein said alarm messages are written and manually sent by the administrator when necessary.

4. The system according to Claim 2, wherein said alarm messages previously written by the administrator are automatically sent by said processing and transmitting means at the occurrence of a condition or an event.

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1 5. The system according to Claim 4, wherein said alarm messages are automatically sent when
2 any specific resource monitored by a System Network Message Protocol (SNMP) via a SNMP
3 interface comes down or becomes unavailable.

1 6. The system according to Claim 4, wherein said alarm messages are automatically sent at the
2 occurrence of an event scheduled in an alarm scheduler by said administrator.

1 7. The system according to Claim 2, wherein said alarm messages are standalone alarm functions
2 used to detect when said server is out of work.

1 8. A method of broadcasting alarm messages from a server to a list of users among a plurality of
2 multi-platform users sharing the server in a data transmission network operating under Internet
3 protocol (IP) and using Java, comprising the steps of:

4 profiling in a profile table each one of said plurality of users;

5 processing an alarm message by an administrator associated with the server; and

6 transmitting said alarm message to the list of users wherein said users have been selected from
7 said profile table, said alarm message being displayed on a screen of a workstation associated with
8 each selected user if said workstation is on.

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1 9. The method according to Claim 8, wherein said steps of processing and transmitting comprise
2 operating a processing unit under the control of a Java alarm program and a message sender
3 transmitting directly said alarm messages over said network.

1 10. The method according to Claim 9, wherein said alarm messages are written and manually
2 sent by the administrator when necessary.

1 11. The method according to Claim 9, wherein alarm messages previously written by the
2 administrator are automatically sent by at the occurrence of a condition or an event.

1 12. The method according to Claim 11, wherein said alarm messages are automatically sent when
2 any specific resource monitored by a System Network Message Protocol (SNMP) via a SNMP
3 interface comes down or is unavailable.

1 13. The method according to Claim 11, wherein said alarm messages are automatically sent at the
2 occurrence of an event scheduled in an alarm scheduler by said administrator.

1 14. The method according to Claim 9, wherein said alarm messages are standalone alarm
2 functions used to detect when said server is out of work.

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